

Name: Coleen Tran

Date: 7/10/14

WEEKLY ONE SENTENCER:

working on RBS + mCherry

DAILY ONE SENTENCER:

- digestion of mCherry vector to confirm
- PCR at 31 cycles instead of 35 cycles
METHOD(S) OF CHOICE:

- digest w/ E + P and X + P
- PCR

EXPECTED RESULT:

digest: ~700 bp & 2 kb (mCherry + vector)
PCR: ~1000 bp

(☒ check if APE file exists on Drive)

TEMPLATE(S): mCherry⁴

OLIGO(S): 74 + 76, 362, 363

THERMOCYCLER SETTINGS:

CONTROLS: 94° - 2' { 94° - 15"; 65°C - 15"; 68° - 1.5'; 68° - 4'; 4°C

POSITIVE:

362

NEGATIVE:

no polymerase

CONFIRMATION?

gel

GEL LANE ORDER:

① 1kb 4EP 4XP N

② L 74 76 362 10
GEL PICTURE / OTHER SPACE:

① 140710 Digestion mCherry

② 140710 PCR ~~Confirmation~~ Confirmation for 31 cycles

* remember double DNTP +
DNase; do both 31 + 35 cycles

Name: Jennifer Zhang

Date: 7/10/14

WEEKLY ONE SENTENCE: continue building ZBS primers and promoters

DAILY ONE SENTENCE: digest memory with x/p and work on wiki future page

METHOD(S) OF CHOICE:
digest
x/p

EXPECTED RESULT:
band ~ 700 bp

☒ check if APE file exists on Drive)

TEMPLATE(S): memory
~~template~~

THERMOCYCLER SETTINGS: digest

CONTROLS:

POSITIVE: enzymes x/p

NEGATIVE:

CONFIRMATION?

x/p

GEL LANE ORDER:

1 2 3

GEL PICTURE / OTHER SPACE: